



(REFERENCE COPY - Not for submission)  
FM Translator Engineering STA Application

File Number: 0000217163 | Submit Date: 06/26/2023 | Lead Call Sign: K278CU | Facility ID: 200290 |

FRN: 0009654369  
Service: FM Translator | Purpose: Engineering STA | Status: Granted | Status Date: 06/27/2023 | Filing Status: Active

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Applicant is a non-profit entity which operates K278CU and companion primary station KBKW (AM), Aberdeen, Washington non-commercially. See 47 CFR Sec. 1.1116(c).
	Is the applicant exempt from FCC regulatory Fees?	Yes
Waivers	Does this filing request a waiver of the Commission's rule (s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Sacred Heart Radio, Inc.	Ronald R. Belter Post Office Box 2482 Kirkland, WA 98083 United States	+1 (800) 949-1050	info@sacredheartradio.org	NFP

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Dennis J. Kelly Attorney Law Office of Dennis J. Kelly	30628 Detroit Road, Box 278 Westlake, OH 44145 United States	+1 (202) 293-2300	dkellyfcclaw1@comcast.net	Legal Representative
Erik C Swanson , PE . Consulting Engineer Hatfield & Dawson	9500 Greenwood Ave N Seattle, WA 98103 United States	+1 (206) 783-9151	eswanson@hatdaw.com	Technical Representative

STA Purpose

Channel and Facility Information

Section	Question	Response
STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system
Section	Question	Response
Proposed Community of License	State	Washington
	City	ABERDEEN
	Channel	278
	Frequency	103.5
Facility Type	Facility Type	Commercial

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	46° 56' 54.3" N+
	Longitude	123° 49' 16.5" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	54 meters
	Support Structure Height	54 meters
	Ground Elevation (AMSL)	5 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal: Vertical:51 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:0 meters Vertical:56.0 meters
	Effective Radiated Power	Horizontal:0.25 kW Vertical: 0.25 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Primary Station	Call Sign	KBKW
	Facility ID	33623
	Frequency	1450
	Channel	0
	Service Code	AM
	City	ABERDEEN
	State	WA
Delivery Method	Delivery Method	Microwave

	If Other, Please specify:	
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Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.0	90	0.03	180	0.03	270	0.03
10	0.98	100	0.03	190	0.03	280	0.05
20	0.916	110	0.03	200	0.03	290	0.19
30	0.817	120	0.03	210	0.03	300	0.39
40	0.69	130	0.03	220	0.03	310	0.544
50	0.544	140	0.03	230	0.03	320	0.69
60	0.39	150	0.03	240	0.03	330	0.817
70	0.19	160	0.03	250	0.03	340	0.916
80	0.05	170	0.03	260	0.03	350	0.98

Additional Azimuths

Degree	Value
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STA  
Certifications

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	

Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Ronald R. Belter</b> <i>President</i>  06/26/2023

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>K278CU--STA Request Exhibit.pdf</u>	Applicant	STA Purpose	Justification	Done with Virus Scan and/or Conversion